PTO/SB/21 (0 Approved for use through 07/31/2006. OMB 0651-0031/ U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number **Application Number** 10/678,764

10/06/2003

Filing Date

TRANSMITTAL

FORM

Signature

DEE FORM	First Named Inventor	Fentress
(to be used for all correspondence after initial filing)	Art Unit	3712
	Examiner Name	Suhol
Total Number of Pages in This Submission 101	Attorney Docket Number	GEOMI40622
EN	CLOSURES (Check all that	(ample)
	•	After Allowance communication
Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre Terminal Disclaimer Request for Refund CD, Number of CD(s)	to Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below):
	OF APPLICANT, ATTORN	EY, OR AGENT
Firm or Steven K. Martindrick Reg. (No. 38,542) Signature 09/07/2004	^	
CERTII	FICATE OF TRANSMISSION	I/MAILING
I hereby certify that this correspondence is being fa sufficient postage as first class mail in an envelope the date shown below.	csimile transmitted to the USPTO or addressed to: Commissioner for Par	deposited with the United States Postal Service with tents, P.O. Box 1450, Alexandria, VA 22313-1450 on
Typed or printed name Steven K. M	Martin ^ -	
Signature	- []	Date 09/07/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)

617-523-3515

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

180

FEE	TR	AN	SMI	TT	AL
-	for	FY	200	4	

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

SUBMITTED BY

Name (Print/Type)

Complete if Known				
Application Number	10/678,764			
Filing Date	10/06/2003			
First Named Inventor	Fentress	_		
Examiner Name	Suhol			
Art Unit	3712			
Attorney Docket No.	GEOMI40622			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None						
Deposit Account:	Large Entity , Small Entity					
Deposit 13-4630	Fee Code			Fee (\$)	Fee Description	Fee Paid
Account Number	1051	130	2051	65	Surcharge - late filing fee or oath	
Deposit Account Altman & Martin	1052	50	2052		Surcharge - late provisional filing fee or cover sheet	
Name The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812 2		For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	∢*
to the above-identified deposit account.	1251	110	2251	55	Extension for reply within first month	1067876
FEE CALCULATION	1252	420	2252	210	Extension for reply within second month	9
1. BASIC FILING FEE Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Description Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	84630
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	2 4
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	1
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	0)06 0
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	0000063 80 00 DA
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0	1452	110	2452	55	Petition to revive - unavoidable	ВКИНА
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,330	2453	665	Petition to revive - unintentional	-
Fee from		1,330	2501		Utility issue fee (or reissue)	
Total Claims	1502	480	2502		Design issue fee	900
Independent 2** - 0 × 43 + 0	1503 1460	640 130	2503 1460		Plant issue fee Petitions to the Commissioner	2 2
Claims Aultiple Dependent	1807	50	1807		Processing fee under 37 CFR 1.17(q)	8 8
Large Entity Small Entity	1806	180	1806		Submission of Information Disclosure Stmt	180
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	8021	40	8021		Recording each patent assignment per	
1202 18 2202 9 Claims in excess of 20					property (times number of properties)	
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 0	Other fee (specify)			<u> </u>		
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 180					180	
Complete (if applicable))						

09/07/2004 Date Signature WARNING: Information on this form may become public. Credit card information should not

be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

(Attorney/Agent)

38,542

Telephone

PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

1 0 2004

Sheet_

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	Complete II Known				
	Application Number	10/678,764			
	Filing Date	10/06/2003			
	First Named Inventor	Fentress			
	Art Unit	3712			
	Examiner Name	Suhol			
Ī	Attorney Docket Number	CEOMTAGGGG			

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (# known)} US-			1 igoroo / ippour
		05-			
		US-			
	<u> </u>	US-			
	<u> </u>	US-			
		US-			
	 	US-			
		US-			
	ļ	US-			
		US-			
	-	US-			
		US-			

		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	-6
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	1,
		EP 0728506 A1	08/28/1996	Stuff Co. Ltd		
		WO 88/05329 A1	07/28/1988	Longuet-Higgins		
		WO 03/022384 A1	03/20/2003	Miller		
						<u></u>

Examiner	Date	
Signature	Considered	1
-		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.